

Howland Wood - Curatorial

Smith, David Eugene
[Teacher's College
Columbia University]

1922-1926

TEACHERS COLLEGE
COLUMBIA UNIVERSITY
NEW YORK

DEPARTMENT OF MATHEMATICS

DAVID EUGENE SMITH
CLIFFORD BREWSTER UPTON
WILLIAM E. BRECKENRIDGE

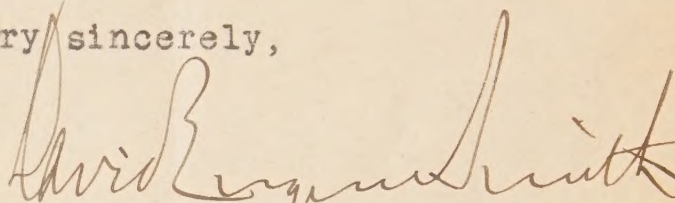
October 6, 1922

American Numismatic Society,
Broadway and 156th Street,
New York City.

Dear Mr. Woods:

Here is a little medal that may not be in
your collections. It is worthless, but they all go
to make up part of the records.

Yours very sincerely,


David Eugene Smith

Incl.

October 10th, 1922

Professor David Eugene Smith
Teachers College
Columbia University
New York City

Dear Professor Smith:

Very many thanks for the little medal which
you kindly sent to us. We did not have this and
are glad to add it to our collection.

We are particularly interested in all medals and
tokens relating to the World War.

Appreciating your thought of our Museum, I am

Very truly yours,

Curator

HW/E

November 25th, 1925

Professor David Eugene Smith
Columbia University
New York City

Dear Professor Smith:

It is with great hesitation that I trespass upon your time, but I feel that the enclosed correspondence is more than I can answer, and I think that Mr. Magnus should get a better reply than I have been able to give him.

By reading the correspondence, you will note that he is anxious to find out as much as possible about the dollar mark; and as he refers to you, I think, in one of his letters, I am consequently writing to you for aid in the matter.

If you do not care to reply in detail, I wonder if you could refer me to anyone with whom I might get in touch?

Sincerely yours,

Curator

EDWARD T. NEWELL
PRESIDENT

SYDNEY P. NOE
SECRETARY

CABLE ADDRESS:
"NUMISMA" NEW YORK



HARROLD E. GILLINGHAM
TREASURER

HOWLAND WOOD
CURATOR

TELEPHONE:
WADSWORTH 7735

THE AMERICAN NUMISMATIC SOCIETY
BROADWAY BETWEEN 155TH
AND 156TH STREETS
NEW YORK

November 25th, 1925

Professor David Eugene Smith
Columbia University
New York City

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Sincerely yours,

Curator

Teachers College

Columbia University

New York

DEPARTMENT OF MATHEMATICS

DAVID EUGENE SMITH
CLIFFORD BREWSTER UPTON
WILLIAM DAVID REEVE
WILLIAM E. BRECKENRIDGE
JEKUTHIAL GINSBURG

November 30, 1925

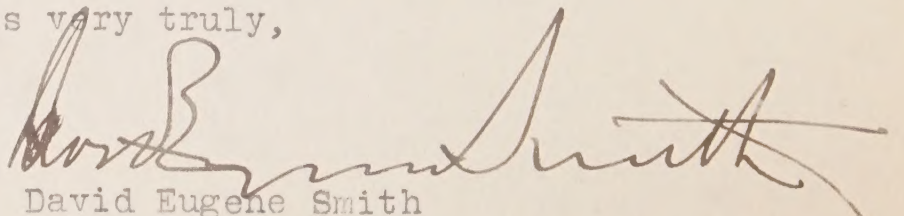
Howland Wood, Esq.,
Curator of the American Numismatic Society,
Broadway and 155th St., New York City,

My dear Mr. Wood:

I am much interested in your letter with the inclosure from Dr. Magnus. It is a subject which I have always hoped I would have time to undertake more fully. I have never been convinced that Professor Cajori's theory about the pesos was sufficiently supported, and yet I recognize fully his ability and his careful research. I have always felt that my derivation from the European symbol for pounds was capable of better support than it has. Nevertheless, I am frank to say that I have not scientifically gone into the work as I have long hoped that I might do. It is possible that during the coming spring I may get some time for it. It means the examination of thousands of manuscripts of the period 1775-1810.

Regretting that I cannot give a more definite answer, I return herewith the correspondence on the subject, and remain,

Yours very truly,



David Eugene Smith

Mr. Wood
With my compliments
David Eugene Smith

Reprinted from THE AMERICAN MATHEMATICAL MONTHLY, Vol. XXXII, No. 9, November, 1925.

IN THE SURNAMED CHOSEN CHEST.

By DAVID EUGENE SMITH, Columbia University.

*III. Numismatica Mathematica.*¹

It might naturally be supposed that few mathematicians would ever have been honored by portrait medals struck in recognition of their services to the world. The issuing of such medals was common in the case of kings and of those who fought their battles, and the church has recognized her prelates and saints in the same manner. In recent years the stage and the societies of the fine arts in general have followed the older custom, and certain scientists of great repute have been similarly honored. These tokens of esteem have usually, however, been bestowed upon men who have had some influence with those in power, either the power of office or that of wealth. Only in the nineteenth century did governments, through learned societies, make a real beginning in honoring the deceased scholars of their countries, and in this way many of the medals of mathematical interest came to be struck.

In this collection there are between 125 and 150 medals of this nature, not counting ancient coins selected to represent the development of the numerals, and counters (jetons) that were used in computation in medieval times. Some of those which represent what might be called an indirect or a casual interest in mathematics, such as medals of Abélard, Pestalozzi, Vittorino da Feltre, and Erasmus are not mentioned in the following list, but those relating to workers in pure mathematics or to those who applied a high order of mathematics to their work in astronomy are included. It is thought that such a list may be of service to those who are interested in the history of mathematics and, to a less degree, of mathematical astronomy. All the medals are originals except in the case of a few electrotypes of specimens in the British Museum, and these cases are specified. In each case the approximate diameter of the medal is given in millimeters. The abbreviations *Ob.* and *Rev.* refer to the obverse (face) and reverse of the medal, and *r.* and *l.* are used for right and left respectively. Since the list is not primarily for numismatists, the full description has not generally been given; but enough has been included to allow of easy identification.

¹ This is the third of a series of articles relating to certain historical material in the library of the author. The first dealt with association copies of mathematical books (1925, 287-294), and the second with manuscripts of oriental mathematical works (1925, 393-397).

1. *Arago*, François (1786–1853). Bronze. Ob., bust by A. Bovy, to r. Rev., "A/Arago/ les auditeurs/ de son cours/d' astronomie. 1843." 56 mm.
2. *Arago*. Bronze. Medallion by David d'Angers. Signed "David 1832." 149 mm.
3. *Arago*. Bronze. Ob., bust by A. Dubois to l. Rev., "Institut/ de France / Academie / des Sciences / Medaille Arago." 67 mm.
4. *Archimedes* (c. 287–212 B. C.). Bronze. Ob., bust by Catenacci, to r. "Archimedes Mathesis ac Mechanices Prodigium." Rev., "Syracvsis N. A. A.C. CIO IOCCCIX in Vrbis Expvgnatione peremptvs/ A. Arnaud Sevl." 41 mm.
5. *Aristotle* (384–322 B. C.). Bronze. Ob., bust to r. Greek inscription. Rev., pegasus. (Electrotype facsimile from original in the British Museum. Probably 16th century.) 50 mm.
6. *Bacon*, Roger (1214–1294). Bronze. Ob., bust by Gayrard, to r. One of the "series Numismatica," "Durand editit," 1818. 41 mm.
7. *Bailly*, Jean Sylvain (1736–1793). Bronze. Ob., bust by Montagny, to r. One of the "Galerie Metallique des Grands Hommes Français," issued in 1821. 41 mm.
8. *Bailly*. Bronze gilt. Ob., bust to r. "J. Sylvain Bailly né à Paris le XV. Sept. MDCCXXXVI." Rev., "Astronome,/ Auteur de l'Histoire / de l'Astronomie / Membre des trois Academies/ Francaise, des Belle Lettres / et des Sciences / Président de l'Assemblée / Nationale le 17. Juin / élu/er Maire de Paris / le 15. Juillet 1789 / et Hélas (figure of a headsman's axe) . . . 11 Nov. 1793." 41 mm.
9. *Bailly*. Bronze. Ob. as in No. 8, but under the bust "Offert a la Ville." Rev. as in No. 8 but beginning with the words, "Merite Reconnu / Membre / des Trois Académies," the rest as in No. 8, but without the last line. 41 mm.
10. *Bailly*. Bronze. Ob., bust to l. "J. Sylvain Bailly né à Paris en 7bre. 1736. / Décapité le 12 9bre. 1793." Rev., "Premier Président de/ l'Assemblée Natle. / Ier. Maire de Paris / Il périt / douloureusement / sur un échaffaud / victime / de l'ingratitude / populaire." 32 mm.
11. *Bertrand*, L. F. Joseph (1822–1900). Bronze. Ob., bust by J. C. Chaplain, to l. Rev., "A Joseph Bertrand / Mbre de. l'Academie / Française / Secetaire. Perpetual / de l'Academie. des. sciences / pour. honorer. 50. années / de. Devouement. a. la. Science / et. a. l'Enseignement / ses. Eleves. ses. Admirateurs / et. ses. Amis / Mars / 1844–1894." 67 mm. (One of the finest portrait medals of a mathematician ever issued.)
12. *Brahe*, Tycho (1545–1601). Bronze. Ob., bust by Rogat, to r. One of the same series as No. 6. 41 mm.
13. *Buniakovsky*, Victor Yakovlevich (1804–1889). Bronze. Ob., bust by V. Alexeyev. "Doctor of mathematics of the University of Paris since May 19, 1825" (in Russian). Rev., "In memory of fifty years of service to science, May 19, 1875" (in Russian). 70 mm.
14. *Cardan*, Jerome (1501–1576). Bronze. Ob., bust to r. "Hier. Cardanus. Aetatis. A N. XLVIII." Rev., Landscape and muses. "ONEIPON" (Electrotype facsimile from original in the British Museum. 16th century.) 50 mm.
15. *Cassini*, Giovanni Domenico (1625–1712). Ob., bust by Peuvrier, to r. Rev. "Natus / An. M.DC.XXV. / Perinaldo / in Nicaeae / Massiliensium / Comitatu / Obiit / An. M.DCC.XII." One of the same series as No. 6. Dated 1823. 41 mm.
16. *Cassini*, G. D. Ob., bust by Gatteaux, to r. One of the same series as No. 7.
17. *Cassini*, G. D. Ob., bust to r. "Io. Dom. Cassinvs. Archigym. Bonon. Primar. Astron. et R. Acad." Rev., "Facta. copia. coeli." Dated "Bonon. / M.DC.VC." 60 mm.
18. *Cauchy*, Augustin Louis (1789–1857). Bronze. Medallion by David d'Angers. Head to r. Signed "David 1843." 174 mm.
19. *Cavalieri*, Bonaventura (1598–1647). Bronze. Ob., bust by Nesté, to l. "Bona-ventura Cavalerivs." Rev., "Pr. Id. Septemb. / An. MDCCCXLIV / Mediol." 43 mm.
20. *Copernicus*, Nicolaus (1473–1543). Bronze. Ob., bust by Durand, to l. One of the same series as No. 6. Dated 1820. 41 mm.
21. *Copernicus*. White metal. Ob., half figure slightly to r. Legend in Polish. Rev., legend in Polish. Dated 1873. 65 mm.
22. *Copernicus*. Bronze. Ob., bust by Petit, to l. One of the same series as No. 6. Dated 1818. 41 mm.
23. *D'Alembert*, Jean le Rond (1717–1783). Bronze. Ob., bust by Gatteaux, to l. "J. D'Alembert." "F. Gatteaux F. 1785." Rev., laurel wreath inclosing "A l'Immortalité." 59 mm.
24. *D'Alembert*. Bronze. Ob., bust by Depaulis, to l. "Jean le Rond D'Alembert." Rev., "Né / à Paris / en M.DCC.XVII./Mort en M.DCC.LXXXIII." One of the same series as No. 7. Dated 1824. 41 mm.

25. *De Moivre*, Abraham (1667-1754). Bronze. Ob., bust by Dassier, to r. "Abrahamus de Moivre." Rev., "Utriusque / Societatis Regalis / Lond. et Berol. / Sodalis. / M.DCCXLI." 55 mm.

26. *Descartes*, René (1596-1650). Bronze. Ob., bust by Henrionnet, to l. "Renatus Cartesius." Rev., "Natus / An. M.D.XCVI. / Hagae Turonicae / in Gallia / Obiit / Holmiae / An. M.DC.L." One of the same series as No. 6. Dated 1822. 41 mm.

27. *Descartes*. Bronze. Ob., bust by Galle, to r. "Rene Descartes." Rev., "Né à la Haye / en Touraine / en M.D.XCVI. / Mort / en M.DC.L." One of the same series as No. 7. Dated 1819. 41 mm.

28. *Descartes*. Bronze. Ob., bust by Dassier, to r. "Rene Descartes." Rev., recumbent figure, two globes, book, two trumpets. "Philosophe / M. 1650." 27 mm.

29. *Descartes*. Bronze. Ob., bust by Rogat, to r. "René Descartes;" below, "E. Rogat 1846." Rev., "Lycée Descartes / Concours Général." Presentation medal to L. J. B. Tous-saint, 1848.

30. *Descartes*. Bronze gilt. Ob. same as No. 26. Rev., "Né à la Haye (Indre et Loire) / 1596. / Mort à Stockholm 1650 / Son corps / ramené en France / 1666." 50 mm.

31. *Dürer*, Albrecht (1471-1528). Bronze. Bust to r. "Imago. Alberti. Dvveri. Aetatis. sva. LVI." No rev. This would make the date 1521. The workmanship resembles that of a medal in the South Kensington Museum dated 1528.

32. *Dupin*, Charles, Baron (1784-1873). Ob., bust by A. Bovy, to l. "Baron Charles Dupin de l'Académie des Sciences." Rev., "A Charles Dupin / après 50 années / d' heureuse confraternité / les membres de l' Académie des Sciences / ses collaborateurs / ses amis / — 1818-1868." 51 mm.

33. *Dupin*, Charles. Bronze, lighter color than No. 29, but ob. from the same die. Rev., "Né à Varzy 1784. / De l' Adad.^e des Sc.^{es} 1818. / Deputé du Tarn 1827. / . . . "Sénateur 1852." 51 mm.

34. *Euler*, Léonard (1707-1783). Silver. Ob., bust by Abramson, to l. Rev., "Radio describit orbem / Natus / MDCCVII." 41 mm.

35. *Fermat*, Pierre (c. 1608-1665). Bronze. Ob., bust by Desboeufs, to l. Rev., "Né à Toulouse / en M.D.XCV. / Mort / en M.DC.LXV." One of the same series as No. 7. Dated 1822. The date of his birth (M.D.XCV) is, according to the inscription on his tomb, incorrect. 41 mm.

36. *Fermat*. Bronze. Ob., bust by Dubois, from De Puy Maurin's drawing, to l. Rev. "Académie Roy.^{le} des Sciences Inscript.^{ons} et Bel.^{es} Let.^{es} de Toulouse / 1822." 35 mm.

37. *Fermat*. Same as No. 36, but in silver. 35 mm.

38. *Fossombroni* Vittorio (1754-1844). Bronze. Ob., bust by "Fabrs d'Udine," to r. "Vittorio Fossombroni Politico e Matematico." Rev., "MDCCCXXXIII / Perduta / tanta cagione / I Toscani / La Monumentano / L. Muzzi F." 54 mm.

39. *Galileo Galilei* (1564-1642). Bronze. Ob., bust by Gayrard, to r. "Galilæus Galilæi." Rev., "Natus Pisis / in Italia. / An. M.D.LXIV. / Obiit / An. M.DC.XLII." One of the same series as No. 6. Dated 1818. 41 mm.

40. *Galileo Galilei*. Bronze. Ob., bust by Cinganelli, to l. Rev. "Pisa / che lo vide nascere / ne / celebro / il trecentesimo natalizio / à XVIII Febraio / M.D.CCC.LXIV." 55 mm.

41. *Galileo Galilei*. Bronze. Imperfectly cast piece showing the obverse of No. 40.

42. *Galileo Galilei*. Bronze. Ob., bust by Cerbara, to l. Rev., "Conditori / disciplinae / ad. leges. motvs / et. astron. certo / cognoscendas." 41 mm.

43. *Galileo Galilei*. Silver. Ob. the same as No. 40. Rev., "S.P.Q.P / Academia / pristino decori restitvta / omnibvsqve disciplinis aperta / III non Decem. MDCCCLIX / Viet. Emm. Sabavd. II P.F.A / Ital. Med. Rege Electo." 55 mm.

44. *Galileo Galilei*. Bronze. Ob., bust to r. "Galilevs. Galilei. Patr. Flor. Mathe.^m Cele.^b" Rev., two graces with astronomical and geometric models. 88 mm.

45. *Galileo Galilei*. Brass. Ob., bust to r. "Galilevs. de. Galilei. Flor." This legend is engraved. No reverse. 64 mm.

46. *Galileo Galilei*. Bronze. Ob., bust to l. "G. Galilei." Cast bronze piece. No reverse. 66 mm.

47. *Galileo Galilei*. Bronze. Ob., bust to l. "Galilevs. de. Galileis. Florentinvs." Rev., plain, with the single word "Archimedes." 58 mm.

48. *Galileo Galilei*. Bronze. Ob., bust to r. "Galilevs Lyncevs." Reverse, figures (telescope, etc.) "Naturamqve novat." 71 mm.

49. *Galileo Galilei*. Lead, bronzed. Ob., bust slightly to l. "G. Galilei." Rev. "RP." Cast piece. 90 mm.
50. *Gassendi*, Pierre (1592-1655). Bronze. Ob., bust by Vatinelle, to r. Rev., "Né / à Chantersier / près Digne / en M.D.XCVIII. / Mort / en M.DC.LVI." One of the same series as No. 7. Dated 1818. The dates of birth and death are both incorrect. 41 mm.
51. *Gassendi*. Bronze. Ob., bust by I.D., to r. Rev., on a tablet. "Philosophe / M. 1653," with winged figure, globe, etc. The date of death is incorrect. 28 mm.
52. *Gauss*, Carl Friedrich (1777-1855). Bronze. Ob., bust by Brehmer, to r. "Carl Friedrich Gauss / M.DCCLXXVII April XXX / MDCCCLV Februar XXIII." Rev., "Königliche Gesellschaft der Wissenschaften zu Göttingen." Dated 1877. 70 mm.
53. *Gerbert* (Pope Sylvester II) (940-1003). Bronze. Papal medal, 16th (?) century. Ob., bust to r. Rev., two papal keys. Inscription probably "Claves Regni Celorum," but not very legible. Electrototype from the original in the British Museum. 37 mm.
54. *Grandi*, Guido (1671-1742). Ob., profile by Sulvi, to r. "D. Gvido. Grandvs. Abbas. Camald. Mathem. Pis. Vniv." Rev. "EYPHKA / Inveni / An. MDCCXXXVIII / A. Sulvi. F." Various figures. Electrototype from the original bronze piece in the British Museum. 88 mm.
55. *Halley*, Edmund (1656-1724). Bronze. Ob., bust by Dassier, to r. "Edmundus Halley." Rev. "Astronomus / Regis Magnae / Britanniae. / MDCCXLIV." 55 mm.
56. *Hutton*, Charles (1737-1823). Bronze. Ob., bust by B. Wyon, to l. "Carolus Hutton, LL.D., R.S.S. Æt. LXXXV / 1821." Rev., various figures; "Fulmina belli / Pondusq. terrae / aestimata." 44 mm.
57. *Huygens*, Christiaan (1629-1695). Bronze. Ob., bust by Henrionnet, to r. "Christianus Hugenius." Rev., "Natus / Hagae Comitum / in Batavia / An. M.DC.XXIX. / Obiit / An. M.DC.XCV. / " One of the same series as No. 6, 41 mm.
58. *Kepler*, Johann (1571-1630). Bronze. Ob., bust by Caqué, to r. "Joannes Keplerus." Rev., "Natus / An M.D.LXXI. / Viel in / Regno Wirtembergensi / Obiit / An. M.DC.-XXX." One of the same series as No. 6. Dated 1823. 41 mm.
59. *Lacroix*, Sylvestre François (1765-1843). Bronze. Medallion by David d'Angers. Dated 1841. 169 mm.
60. *Lagrange*, Joseph Louis (1736-1813). Bronze. Ob., bust by Donadio, to l. "Joh. Ludovicus Lagrange." Rev. "Natus / Taurini / in Pedemontis / An. M.DCC.XXXVI. / Obiit / An. M.DCCC.XIII." One of the same series as No. 6. Dated in 1822. 41 mm.
61. *Lagrange*. Bronze. Ob., bust by Donadio, to l. "Joseph Louis Lagrange." Rev., "Né / à Turin / en M.DCC.XXXVI. / Mort / en M.DCCC.XIII." One of the same series as No. 7. Dated 1818. 41 mm.
62. *Lagrange*. Bronze. Medallion by David d'Angers. Bust to l. "Louis de la Grange, David." 152 mm.
63. *Lagrange*. Bronze. Ob., bust by Galeazzi, to l. Aloisivs Lagrange." Rev. "Geometras aevi svi / syperavit / antiqvorvm famam / aeqavit." Although bearing the name Aloisius, the head is that of Joseph Louis. 43 mm.
64. *Lalande*. Joseph Jerome François de (1732-1807). Bronze. Ob., bust by Gatteaux, to l. "Jos. Hier. le François de la Lalande. N. Burt 1732." Electrototype from the original in the British Museum. 42 mm.
65. *Lalande*. Bronze. Medallion, bust by David d'Angers, to l. "De la Lande / ancien directeur de l'observatoire." 165 mm.
66. *Laplace*, Pierre Simon (1749-1827). Cast iron medallion, no reverse. Ob., bust to l. "Pierre Simon Laplace. Né le 23 Mars 1749." 100 mm.
67. *Laplace*. Bronze. Medallion, bust by David d'Angers, to l. "Laplace." 172 mm.
68. *Le Verrier*, Urbain Jean Joseph (1811-1877). Bronze gilt. Ob., bust by Alphée Dobois, to l. "U. J. J. Le-Verrier de l' Académie des Sciences. 1811-1877." Rev., Helios with four horses; planets with figures and names. Dated, 1884. 68 mm. One of the finest medals ever struck in memory of a mathematician and astronomer.
69. *Leibniz*, Gottfried Wilhelm (1646-1716). Bronze. Ob., bust to r. "Godofr. Wilh. L. B. de Leibniz natvs D.XXI.IVN. / I.IVL / MDCXXXXVI." Rev., Fame placing a wreath on an altar. "Academia Regia Borvss. Scient. Primo Praesidi svo. / MDCCCXXXXVI / D II. IVL." 53 mm.
70. *Leibniz*. Same as No. 69, but in silver.
71. *Leibniz*. Same as 69, but of different color.
72. *Leonardo da Vinci* (1452-1519). Bronze. Ob., bust by Hérard, to l. "Leonardvs-

Vincivs-Florentinvs." Rev. Brush, pen, crown. "Scribit. qvam. svscitat. Artem./ 1665.' 54 mm.

73. *Leonardo da Vinci*. Bronze. Ob., bust by Cossa, to l. "Leonardo da Vinci. / L. Cossa. F. 1820." Rev., "Vinci I Vaciti primi / Gallo Monarca gli ultima respiri / cloux le mortali spoglie / A. A. /" An electrotype facsimile. 48 mm.

74. *Lobachevsky*, Nicolai Ivanovitch (1793-1856). Bronze. Ob., bust $\frac{1}{4}$ to r. Name in Russian letters. Rev. Russian inscription of the Physico-Mathematical Society at the University of Kasan, 1895. 42 mm.

75. *Maurolico*, Francesco (1494-1575). Bronze gilt. Ob., bust by Catenacci, to r. "Franc. Mavrolycvs Archimedes alter." "V. Catenacci sculp. / L. Taglioni con. Neap." Rev., "Messanae nat. Ann. A.C. CIOCIQXCIV Ibiqve obiit CIOIOLXXV. / A. Arnaud sculp." Tablet with further inscription. 41 mm.

76. *Maurolico*. Same as No. 75 but in bronze.

77. *Monge*, *Gaspard* (1746-1818). Bronze. Ob., bust by Gatteaux, to l. "Gaspard Monge." Rev., "Né /à Beaune en M.DCC.XLVI. / Mort en M.DCCC.XVIII." One of the same series as No. 7. Dated 1822. 41 mm.

78. *Monge*. Bronze. Medallion, bust by David d'Angers, to r. "Monge." "David" 171 mm.

79. *Monge*. Bronze gilt. Ob., bust by Vauthier Galle, to l. "Gaspard Monge." Rev., "Né /à Beaune 1746 / Membre de l' Académie /" etc. . . . "Mort 1818." 50 mm.

80. *Neudorffer*, Johann, the elder (1497-1563). Silver. Ob., bust to r. "Ioann Nevdorffer Arith. Æ 57." Rev., "Ditat servata fides." 22 mm.

81. *Neudorffer*, Johann, the younger (1543-1581). Silver. Ob., bust to r. "Ioann Nevdorffer F. Arith. Æ 36." Rev. as in No. 80. 21 mm.

82. *Newton*, Isaac (1642-1727). Bronze. Ob., bust by Croker, to l. "Isaacvs Newtonvs." "I.C." Rev., a seated figure, winged head, holding a tablet with a plan of the solar system. "Felix. Cognoscere. Causas / M.DCC.XXVI." The date of death (1726) is according to the old style, still in use at that time in England.

83. *Newton*. Same as in No. 82, but in silver.

84. *Newton*. Silver. Ob., bust $\frac{3}{4}$ to r. "Isaacus Newtonius." Rev., wreath surrounding inscription: "Eq. Aur. / Philosophus. / Obiit 31. Mart. / 1727. / Natus Annos / 85." 33 mm.

85. *Newton*. Bronze. Ob., bust by Dassier, to r. "Isaacus Newtonius." "I. Dassier F." Rev., his tomb in Westminster Abbey. "Nat. 1642. / M. 1726." 42 mm.

86. *Newton*. Silver. Ob., bust to r. by Roëttiers. "Isaacvs Newtonivs" "Jac. Roëttiers." Rev. "Quæritur / Huic / Alius / Verg. Æneid: / M.DCC.LXXIV." 54 mm.

87. *Newton*. Bronze. Ob., bust to l. by Petit. "Isaacus Newtonius" "Petit. F." Rev., "Natus / Volstropii / in Anglia / An. M.DC.XLII. / Obiit / An. M.DCCXXVII. /" One of the same series as No. 6. 41 mm.

88. *Newton*. A poor reproduction of No. 85, cast from the original, in bronze.

89. *Newton*. Bronze. Same as No. 84, but in bronze.

90. *Newton*. Bronze. Same as No. 86, but in bronze.

91. *Newton*. Bronze gilt. Same as No. 85, but in bronze gilt.

92. *Newton*. Silver. Same as No. 85, but in silver.

93. *Newton*. Tin. Ob., bust to r. "Sir Isaac Newton." "L.B." "Died 20 March 1727." Rev., "Sir Isaac was born at Woolsthorpe in the Soke of Grantham Dec^r. 25th. 1642 and educated at the Free Grammar School of King Edward the Sixth. Grantham." 45 mm.

94. *Newton*. Tin. Ob. Bust to r. A calendar medal. "A Calendar 1822. S. Isaac Newton." Rev., calendar. 42 mm.

95. *Newton*. Bronze. A halfpenny struck at the mint in 1793. Ob., bust to l. "Sr. Isaac Newton." Rev. "Half Penny / 1793." Design in the center. 27 mm.

96. *Newton*. Bronze. Similar to No. 95. Date, 1793. 27 mm.

97. *Newton*. Bronze. Similar to No. 96. Date, 1793. 27 mm.

98. *Newton*. Bronze. Similar to No. 97. Date, 1793. 27 mm.

99. *Newton*. Bronze. Similar to No. 98. Date, 1793. 27 mm.

100. *Newton*. Bronze. Similar to No. 98. Date, 1793. 27 mm.

Nos. 95-100 are all of the same design but are not all struck from the same die, as slight differences show. Four have milled edges. Two have inscriptions

on the edges. One reads, "Payable in Hull and in London;" the others, "Payable in London Bristol & Lancaster."

101. *Newton*. Bronze. A farthing struck at the mint in 1793. Ob., bust to l. of the same design as in Nos. 95–100. "Sr. Isaac Newton." Rev., "Farthing / 1793." Design in the center. 21 mm.

102. *Newton*. Bronze. Same as No. 101 but 0.5 mm. larger. They seem to have been struck from the same die, but this is not certain. 21.5 mm.

103. *Newton*. Bronze. A farthing struck in 1793. Ob., bust to l. of the same design as in Nos. 100 and 101, but not from either of the above dies. Legend, "Is. Newton." Rev. "Farthing." Monogram F.H. (T.H.?). "1793."

104. *Newton*. Bronze. A farthing struck in 1793. Ob., bust to l., differing considerably from those in Nos. 101–103. "Isaac Newton." Rev. "Farthing." Britannia seated. "1793." 20.5 mm.

105. *Newton*. Bronze. A farthing struck in 1793. Ob., bust to l. "Is. Newton." Rev., "Farthing." Britannia seated. "1793." 20.5 mm.

106. *Newton*. Bronze. Similar to No. 105, but not from the same die. 21 mm.

107. *Newton*. Bronze. Similar to Nos. 105 and 106, but not from the same die. 22 mm.

108. *Pascal*, Blaise (1623–1662). Bronze. Ob., bust by Dubois, to r. Rev. "Né / à Clermont / en M.DC.XXIII. / Mort en M.DC.LXII." One of the same series as No. 7. 41 mm.

109. *Pascal*. Bronze gilt. Ob., bust by Dantzell, to r. Rev. "Né/à Clermont / (Auvergne) / 1623. / Mort / à Paris / 1662." 50 mm.

110. *Pascal*. Bronze. Ob., bust by Pingret, to l. "Blasius Pascal." On the edge, "Monachii." Rev., "Natus / Claromontio / Arvernicae / An. M.DC.XXIII. / Obiit / An M.DC.-LXII." One of the same series as No. 6. Dated 1823. 41 mm.

111. *Pascal*. Bronze. Ob., bust by I.D., to l. "Blaise Pascal." Rev. "Philosophe / M. 1662." Winged figure. 28 mm.

112. *Poinsot*, Louis (1777–1859). Bronze. Medallion by David d'Angers, profile to r. Dated 1843. 161 mm.

113. *Poisson*, Simeon Denis (1781–1840). Bronze. Medallion by David d'Angers, profile to l. Dated 1830. 169 mm.

114. *Pythagoras* (c. 572–c. 501 B.C.). Bronze coin of Samos. Obv., seated figure of Pythagoras. "[P]ythagores Sam Ion." in Greek. Electrotpe from the original in the British Museum, and so for Nos. 115–119. 29 mm.

115. *Pythagoras*. Bronze coin of Samos. Obvs., similar to No. 114. "Pythag . . . Sam. Ion." 31 mm.

116. *Pythagoras*. Bronze. Similar to No. 115, but of different coinage. "[. . .] thagores Sa . . . Ion." 31 mm.

117. *Pythagoras*. Bronze. Similar to No. 116, but of different coinage. "Pythagores. Sam. Ion." 30 mm.

118. *Pythagoras*. Bronze. The same in style as No. 117, but smaller. The inscription is illegible. 20 mm.

119. *Pythagoras*. Bronze. The same in style as No. 118, but still smaller. "[. . .] Pythag." 19 mm.

120. *Quetelet*, Lambert Adolphe Jacques (1796–1874). Bronze. Medallion by David d'Angers. Profile to r. 160 mm.

121. *Secchi*, Angelo (1818–1878). Bronze. Ob., reclining figure of Father Tiber; wolf at right nursing Romulus and Remus, by C. Voigt. "Alterivs sic Altera / Poscit opem." Rev. "Angelvs / Secchi / Pont. Acad. Tiberinae / Praeses / A. Ab Acad. Inst. LXV / V.C.MMDC.-XXIX." 44 mm.

122. *Steiglehner*, Cölestin (George Christoph) (1738–1819). Bronze. Ob., bust by Losch, to r. "Coolest. Steiglehner letzter Fürst Abt V. St. Emer. in Regensb." Rev. "Geb. 1738 Gest. 1819 / Dem Vielgeliebten Lehrer / dem Steten Beförderer / der Wissenschaft / und Kunst / widmeten dies Denkmal / seine Freunde / und Verehrer." 41 mm.

123. *Stevin*, Simon (1548–1620). Bronze. Ob., bust by De Hondt, to r. "Simon Stevin / Inaug. MDCCCXLVI. F. De Hondt." Rev., arms, "S.P.O.B." 48 mm.

124. *Traversa*, Giulio. Bronze. Ob., bust by Restelli, $\frac{1}{4}$ to r. "Giulio Traversa." Rev., "Al / Geometra / Giulio Traversa / " . . . 19 Giugno 1887." 41 mm.

125. *Thales*. (c. 640–c. 546 B.C.). Bronze. Renaissance medal. Ob., bust to r. “Thaleuos Miletiou” in Greek letters. Rev., standing figure. Electrotpe from the original in the British Museum. 30 mm.

126. *Viviani*, Vincentius (1622–1703). Bronze. Ob., bust to r. “Vinc. Viv. Noviss. Magni Galilæi Discipvlvs æt. LXXIX. Qvi primvs, A. Sal. M.D.CIIIIII. Rev. “Ostendit æqvas. et sphæricas syperficies nil recti habentes notis rectangvlis.” Electrotpe from the original in the British Museum. 90 mm.

127. *Wolf*, Christian (1679–1754). Bronze. Ob., bust by J. Dassier, to r. “Christianus Wolfius.” Rev. “Sedes Fructusque Perennis.” Seated figure of woman, altar, cornucopia. 42 mm.

128. *Wren*, Christopher (1632–1723). Bronze. Ob., bust by W. Wilson, to r. Rev., St. Paul’s cathedral, “Christopher Wren Architect—MDCCX / Si monumentum requiris / circumspice.” 58 mm.

There are numerous other medals of mathematical interest in the collection, but only one will be mentioned:

129. *Medal commemorating the Success of the Metric System*, struck in 1874, bronze, from a die engraved by J. C. Chaplain. Ob., four seated figures, one holding the standard meter. “Popvlorvm. Concordiae. Sacrum. / Paris. 1872/ J. C. Chaplain fecit / MDCCCLXXIV.” Rev., “Nova Pondervm. ac. Mensvrarvm. Ratio. in. Gallia. Institvta. M. Germ. A. Reip. Conditæ III./” surrounded by a further inscription. 100 mm.

December 8th, 1925

Professor David E. Smith
Teachers College
Columbia Uni. New York

Dear Professor Smith:

Mr. Noe and I beg to acknowledge your
article "In the Surnamed Chosen Chest" which
has just come to hand. We are very glad indeed
to have this, and thank you sincerely for your
courtesy in sending us copies.

Very truly yours,

Curator

December 9th, 1925

Professor David Eugene Smith
Teachers College
Columbia University, New York

Dear Professor Smith:

This is to let you know that the photographs, for which you asked, are ready whenever you may care to send for them.

With kind regards,
Very truly yours,

Curator

September 17th, 1926

Professor David Eugene Smith
Teachers College
Columbia University, N.Y.

Dear Professor Smith:

I regret very much that unforeseen difficulties have so long delayed my getting the prints desired by you. Unfortunately, our photographer was taken ill after which time he left the city for a while, and it is only recently that we have been able to get done all the work we had in hand.

Would you care to have me mail the prints to you or do you wish to send for them?

Regretting very sincerely this delay,

Very truly yours,

Curator